



Docket No.: 41290-00013USPT
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Armen N. Abazajian et al.

Application No.: 10/785317

Confirmation No.:

Filed: February 24, 2004

Art Unit: N/A

For: HIGH STABILITY, HIGH LUBRICITY,
LOW TOXICITY, HIGH
BIODEGRADABILITY DRILLING
FLUID

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

Copies of the U.S. Patent references on the PTO/SB/08 are not provided. Copies of the other references are provided.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing



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patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 10-0447, under Order No. 41290-00013USPT.

Dated: 5/19/04

Respectfully submitted,

By Valerie 
Valerie K. Friedrich
Registration No.: 39,676
JENKENS & GILCHRIST, A PROFESSIONAL
CORPORATION
5 Houston Center
1401 McKinney, Suite 2700
Houston, Texas 77010
(713) 951-3300
(713) 951-3314 (Fax)



PTO/SB/92 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Application No. (if known): 10/785317

Attorney Docket No.: 41290-00013USPT

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Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/785317
				Filing Date	February 24, 2004
				First Named Inventor	Armen N. Abazajian
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	41290-00013USPT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	US-3,852,207		12-03-1974	Stangeland et al.	
AB	US-3,904,513		09-09-1975	Fischer et al.	
AC	US-4,080,397		03-21-1978	Derr et al.	
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AF1	US-6,296,757		10-02-2001	Wittenbrink et al.	
AG1	US-6,384,170		05-07-2002	Krull et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	-EP 0 583 836		02-23-1994	Shell	
BB	-WO 95/21226		08-10-1995	Chevron Chemical Company	
BC	-WO 95/21225		08-10-1995	Chevron Chemical Company	
BD	-WO 01/02325		01-11-2001	Sasol Tech.	.
BE	-WO 01/46096		06-28-2001	Sasol Tech.	.

Examiner Signature	Date Considered
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CA	NATARAJAN, G.S., et al., "Alumina Catalyst for Alcohol Dehydration," Indian Journal of Tech., 10 (1972); 463-464.		
CB	LURGI, "Dehydration of Fatty Alcohols to Alpha-Olefins," pgs. 1-4.		
CC	S.A. ALI, H.S. MAZHAR ET AL., "Catalyst Conversion of Isopropanol on A1203-Nd203 Supported on Silica," Afinidad 53 (1996) 61.		
CD	R.M. CURSET JI, A.N. SINGH and A.C. DEO, "Ethylene from Ethyl Alcohol on High Silica Zeolite Catalyst," Chem. Age of India, Vol. 37, No. 6, June 1986, 407-410.		
CE	JOSE CORELLA and JOSE M. ASUA, "Kinetics and Mechanism of Deactivation by Fouling of a Silica-Alumina Catalyst," The Canadian Journ. of Chem. Eng., Vol. 59, Aug. 1981, 506-510.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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